

## APPENDIX B

## PRESENTATIONS AND DISCUSSIONS WITH COMMITTEE

The NSB Ad Hoc Committee on Strategic Science and Engineering Policy Issues heard presentations by invited experts, addressing the following methodologies and methodological issues:

- A project to develop a more complete and accessible database for tracking Federal R&D funding, the RaDiUS database, undertaken by the RAND Science and Technology Policy Institute (STPI), and the potential of the database for use as a tool for budget coordination and priority setting across areas of research and government programs, presented by STPI Director Bruce Don and Donna Fossum, May 5, 1999;
- Foresight methods, used by many countries as part of the dialogue toward establishing priorities for S&T, by an expert on Foresight methods in use in Organization for Economic Co-operation and Development (OECD) countries, Mary Ellen Mogee, July 28, 1999;
- The Federal Science and Technology (FS&T) budget analysis by the Committee on Science, Engineering and Public Policy (COSEPUP) of the National Academies and the American Association for the Advancement of Science (AAAS), by James Duderstadt speaking for COSEPUP, March 15, 2000;
- Experiments in international benchmarking of U.S. research fields, sponsored by the National Academies, by Maxine Singer and Marye Anne Fox for COSEPUP, May 3, 2000;
- Approaches to priority setting for research in the academic sector, and the relationship between Federal and academic priority setting, by the Chairman of the NSF Social, Behavioral and Economic Sciences Directorate Advisory Committee, Irwin Feller, July 28, 1999;
- Priority setting practices in industry that might be useful in improving Federal priority setting, and the role of industry and the Federal Government in national R&D, by Charles Larson, President of the Industrial Research Institute, March 15, 2000;

- A meeting with experts on the Federal budget and economic methods to measure the benefits of Federal investments in research, October 20, 2000. (Agenda in Appendix C)

Meetings with participants in the current Federal system include:

- An all-day meeting August 4, 2000, with presentations on priority setting from RAND Science and Technology Policy Institute; 10 Federal S&T agencies; Office of Science and Technology Policy, by Director Neal Lane; Office of Management and Budget by Kathleen Peroff (Agenda in Appendix C);
- OMB staff members, including the Steven Isakowitz, Chief, Energy and Science Division and Program Examiners David Radzanowski, Sarah Horrigan and David Trinkle, who reviewed and discussed the Committee's initial draft recommendations, August 2, 2000;
- House Appropriations Chief of Staff Frank Cushing, December 13, 2000.
- A stakeholders symposium on Allocation of Federal Resources for Science and Technology, May 21-22, 2001, with 20 panelists and speakers, and more than 200 attendees from Federal agencies, Congressional staff, OMB staff, scientific professional organizations, policy organizations, the National Academies, and OSTP staff, as well as interested individuals. (Agenda in Appendix C).

In these meetings the Committee discussed with Federal colleagues the current structure and process for budget coordination and priority setting in the Federal government and thoughts on how the process might be improved.

Finally, a one-and-a-half day symposium on *International Models of S&T Budget Coordination and Priority Setting*, November 19-20, 1999, with presentations by foreign officials intimately involved in S&T budget coordination and priority setting from eight governments was cosponsored by the SPI Committee and Task Force on International Issues in Science and Engineering. Governments represented included: the UK, Germany, France, Sweden, the Republic of Korea, Japan, Brazil, the European Union and the United States. (Agenda in Appendix C).